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Attorney Docket No. 5649-1185

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Baek et al.

Confirmation No.: 2998

Application No.: 10/719,192

Filed: November 24, 2003

For: FAST FOURIER TRANSFORM PROCESSORS, METHODS AND
ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING RECEIVERS
INCLUDING MEMORY BANKS

Date: May 26, 2004

Office of Patent Legal Administration
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PETITION TO ACCORD THE PROPER FILING DATE

Sir:

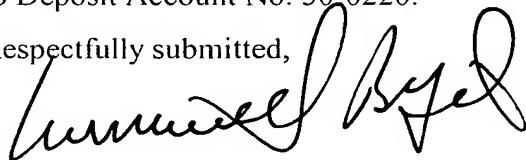
As set forth in 37 CFR § 1.10(c) and MPEP § 506.02, Applicant hereby petitions to grant the proper filing date of November 21, 2003 rather than November 24, 2003 for the above-identified patent application as this was the date the application was deposited as "Express Mail" in the U.S. Postal Service. The following is enclosed as evidence of November 21, 2003 being the correct filing date for the application which was properly filed under 37 C.F.R. § 1.10:

1. A true and accurate copy of the Cover Sheet for the Application showing the Express Mail signature and date on Page 2;
2. A true and accurate copy of the Express Mail Receipt marked by the United States Postal Service ("USPS") as a "date-in" or deposit date with the USPS of 12:00 p.m. on November 21, 2003; and
3. A true and accurate copy of our return post card and of the official filing receipt for this application, sent by the United States Patent and Trademark Office, showing that Applicant was improperly given the filing date of November 24, 2003 instead of the Express Mail date of November 21, 2003.

This petition is being filed promptly after Applicant became aware of the improperly accorded filing date. Accordingly, Applicant respectfully requests the granting of November 21, 2003 as the filing date pursuant to 37 CFR § 1.10.

On the basis that Applicant properly followed the requirements of 37 CFR § 1.10 and the USPTO failed to accord the proper filing date under MPEP § 505 and thus the need to file this petition is due to error on the part of the USPTO, it is applicant's belief that no fee is due with this petition. However, the Commissioner is authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-0220.

Respectfully submitted,

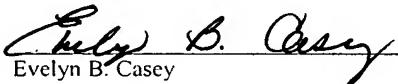


Mitchell S. Bigel
Attorney For Applicant
Registration No. 29,614

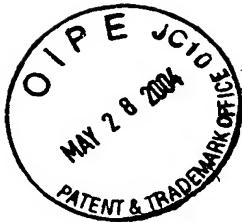
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Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Office of Patent Legal Administration, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on May 26, 2004.



Evelyn B. Casey



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

ATTY DOCKET NO.: 5649-1185
DATE: November 21, 2003

**UTILITY PATENT APPLICATION TRANSMITTAL LETTER
AND FEE TRANSMITTAL FORM (37 CFR § 1.53(b))**

Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing under 37 CFR § 1.53(b) is:

a patent application
 a Continuation a Divisional a Continuation-in-Part (CIP) Application of prior application no.: _____; filed _____, the disclosure of which is incorporated herein by reference in its entirety.
 and claims the benefit of Provisional Application No. _____; filed _____.

Inventor(s) or Application Identifier: **Seung-Kwon Baek, Hoon-Soon Choi, Ju-Yon Kim**

Entitled: **FAST FOURIER TRANSFORM PROCESSORS, METHODS AND ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING RECEIVERS INCLUDING MEMORY BANKS**

Myers Bigel Sibley & Sajovec, P.A.
P. O. Box 37428
Raleigh, North Carolina 27627
Telephone: (919) 854-1400
Facsimile: (919) 854-1401
Customer No. 20792

Enclosed are:

1. Application Transmittal Letter and Fee Transmittal Form (*A duplicate is enclosed for fee processing*)
2. 23 pages of Specification (including 20 claims)
3. 10 sheets of Formal Drawings (35 USC 113)
4. Oath or Declaration
 - a. newly executed (*original or copy*)
 - b. copy from prior application (37 CFR 1.63(d)) (*for continuation/divisional*) [Note Box 6 Below]
 - c. DELETION OF INVENTOR(S) (*Signed statement deleting inventor(s) named in the prior application*)
5. Application Data Sheet. See 37 CFR 1.76
6. Incorporation By Reference (*useable if box 4b is checked*)

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

7. Microfiche Computer Program (*Appendix*)
 8. Assignment papers (*cover sheet(s) and document(s)*)
 9. Applicant claims small entity status. See 37 CFR § 1.27.
 10. Information Disclosure Statement, PTO-1449, and 1 reference cited
 11. Preliminary Amendment (*Please enter all claim amendments prior to calculating the filing fee.*)
 12. English Translation Document
 13. Certified Copy of Application No. ; Filed
 14. Sequence Listing/ Sequence Listing Diskette

- a. computer readable copy
- b. paper copy
- c. statement in support

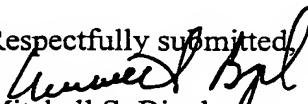
 15. An Associate Power of Attorney
 16. Return Receipt Postcard (MPEP 503) (*Should be specifically itemized*)
 17. Deletion of Inventors(s) (*Signed statement attached deleting inventor(s) name in the prior application. See 37 CFR 1.63(d)(2) and 1.33(b).*)
 18. Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form.
 19. Other:

The fee has been calculated as shown below:

| | Column 1 No. Filed | Column 2 No. Extra | Small Entity Rate | Large Entity Rate |
|---|-----------------------|-----------------------|----------------------|----------------------|
| BASIC FEE | | | \$385.00 | \$ 770.00 |
| TOTAL CLAIMS | 20 - 20 = | 0 | x 09 = \$ | x 18 = \$ |
| INDEP CLAIMS | 5 - 3 = | 2 | x 43 = \$ | x 86 = \$172.00 |
| <input type="checkbox"/> MULTIPLE Dependent Claims Presented | | | + 145 = \$ | + 290 = \$ |
| <i>If the difference in Col. 1 is less than zero, Enter "0" in Col. 2</i> | | Total \$ | Total \$942.00 | |

A check in the amount of \$ to cover the filing fee is enclosed.
 A check in the amount of \$982.00 is enclosed to cover the filing fee, PLUS the Assignment Recordation fee (\$40.00).
 Please charge my Deposit Account No. 50-0220 in the amount of \$
 The Commissioner is hereby authorized to credit overpayments or charge the following fees associated with this communication to Deposit Account No. 50-0220:

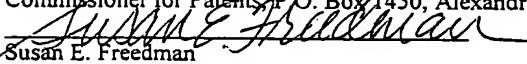
- a. Additional filing fees under 37 CFR 1.16 for presentation of extra claims.
- b. Additional patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

 Mitchell S. Bigel
 Registration No. 29,614

CERTIFICATE OF EXPRESS MAILING

Express Mail Label No. EV 318416483 US
 Date of Deposit: November 21, 2003

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to: Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450


 Susan E. Freedman
 Date of Signature: November 21, 2003



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**Mail Stop Patent Application
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EV 318416483 US

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5649-1185

November 21, 2003

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

031088 U.S. PTO
10/719192



112403

Sir: Kindly acknowledge receipt of the accompanying by placing your receiving date stamp hereon and mailing:

Application Transmittal (in duplicate); Check-\$982.00; Declaration and Power of Attorney for Patent Application; Patent Application (23 pages, 20 claims, 10 drawing sheets); Assignment Recordation Form Cover Sheet and Assignment; Information Disclosure Statement, Form PTO-1449 and 1 cited reference; In re: **Seung-Kwon Baek, Hoon-Soon Choi, Ju-Yon Kim**; For: **FAST FOURIER TRANSFORM PROCESSORS, METHODS AND ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING RECEIVERS INCLUDING MEMORY BANKS**

Respectfully submitted,
MYERS BIGEL SIBLEY & SAJOVEC

M&B

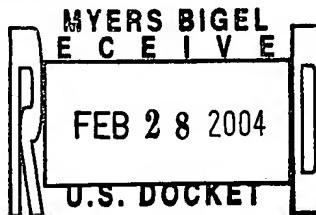


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| APPL NO. | FILING OR 371 (c) DATE | ART UNIT | FIL FEE REC'D | ATTY.DOCKET NO | DRAWINGS | TOT CLMS | IND CLMS |
|------------|---------------------------|----------|---------------|----------------|----------|----------|----------|
| 10/719,192 | 11/24/2003 | 2631 | 942 | 5649-1185 | 10 | 20 | 5 |

Mitchell S. Bigel
 Myers Bigel Sibley & Sajovec, P.A.
 P.O. Box 37428
 Raleigh, NC 27627



CONFIRMATION NO. 2998

FILING RECEIPT



OC000000011949483

Date Mailed: 02/23/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Seung-Kwon Baek, Gyeonggi-do, KOREA, REPUBLIC OF;
 Hoon-Soon Choi, Seoul, KOREA, REPUBLIC OF;
 Ju-Yon Kim, Gyeonggi-do, KOREA, REPUBLIC OF;

Domestic Priority data as claimed by applicant

Foreign Applications

REPUBLIC OF KOREA 2002-0073659 11/25/2002

If Required, Foreign Filing License Granted: 02/23/2004

Projected Publication Date: 06/03/2004

Non-Publication Request: No

02-25-04 A09:29 1N

Early Publication Request: No

Title

Fast fourier transform processors, methods and orthogonal frequency division multiplexing receivers including memory banks